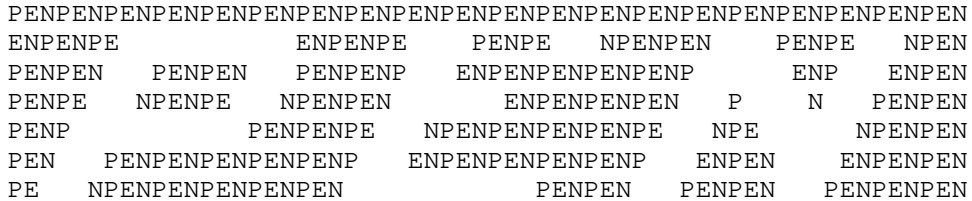

No. 54 November 1996 Oppenheimer Software

Interactive Edition
copyright OPPENHEIMER SOFTWARE 1996

This is the fifty-fourth edition of the Periodic Electronic Newsletter (PEN) for MCI Mail users assigned to Oppenheimer Software (MCI Mail agency NY4). You may respond to the PEN by typing ANSWER at the COMMAND; line that appears after you read this. This mailbox (218-0241) is toll free - you may write to it as often as you wish, at no charge! (Please note that you may order a toll-free mail box - contact Oppenheimer Software for more information.)

EDITORS NOTES. 2
FIX THE FONT. 2
ONR VERSION AVERSION. 2
GET THE PEN INTO THE RIGHT HANDS. 2

1-800-I-WANT-MCI 3
SERVICES AVAILABLE. 3

NEED ANOTHER MAILBOX?. 4

'TIMES THEY ARE A CHANGING 5

LATE BREAKING NEWS 6

MCI MAIL ACCESS UPDATES. 7
CONCERT PACKET SWITCHING SERVICE FOR MCI MAIL 7
MCI MAIL TELEPHONE NUMBER UPDATE. 8
CELLULAR ACCESS TO MCI MAIL 9
LIST OF ACCESS CELLULAR NUMBERS. 10
LOGIN PROCEDURES 12
PROBLEMS CONNECTING? 13
X.400 ACCESS VIA FRAME RELAY 14

MCI NEVER BUSY FAX 15

MAILROOM/MAILPLUS & MIME 16

internetMCI - NEW SOFTWARE 17

domainTNG. 18
HomePage. 18
DIVERSE DELIVERY. 19
Q&A; 20

POWERUSER 1-NEWSGROUPS/LISTS 24

POWERUSER 2-WEB SURFING VIA MCI MAIL 25

TILL NEXT TIME 26

>>>>>>>>>>>>
EDITORS NOTES
>>>>>>>>>>>>

FIX THE FONT

The PEN Newsletter is designed to be read or printed using a fixed font, such as Courier 10. If the masthead above appears skewed, the program you are using to read the PEN newsletter is using a proportional font.

To "straighten" out the PEN, you can switch to a fixed font.

If your e-mail program does not offer that capability, or if you are unsure of how to do it, you may:

1. Read it as it is

2. Save it to disk as an ASCII file, and use your word processing program to display it in a fixed font

3. Save it to disk and use the DOS "TYPE" command to read it {at the C; prompt, enter: TYPE filename | MORE}

ONR VERSION AVERSION

The PEN Newsletter is distributed in two versions - one for "interactive" or online MCI Mail users (regular MCI Mail accounts which are not linked to a LAN) and an version for users accessing MCI Mail from a LAN (cc:Mail, MS-Mail, etc.), marked "ONR" (Off Network Registrants).

The interactive version has all PEN News articles, while the ONR only contains articles that would be of interest to a LAN based user (for example, LAN based users usually do not need to be aware of changes in the access numbers for connecting to MCI Mail).

If you receive the ONR version but would like to receive a copy of the more complete interactive version, please send a message to MCI ID:234-9875 - we'll be happy to send it to you.

GET THE PEN INTO THE RIGHT HANDS

Some of the products and services described in the PEN Newsletter may be of interest to others in your company, such as the office administrator, LAN manager or fax room, etc. and you may want to share it with the people responsible for those areas.

>>>>>>>>>>>>>>>>
1-800-I-WANT-MCI
>>>>>>>>>>>>>>>>

A toll free *FAX* number is available for anyone wanting to set up accounts on MCI Mail, MCI Connect, or anyone needing information about MCI Fax Broadcast, MCI Fax Reply, internetMCI or MCIs data services (T1, T3, Global ISDN, etc.):

1-800-I-WANT-MCI (1-212-787-2416 outside the USA)

The fax should include the name, address, phone and fax numbers of the requester. Typically, the MCI Mail or MCI Connect account will be activated the following business morning, and the Fax accounts, within 5 days. To help the new MCI Mail subscriber, a four page fax will be returned with the account information and basic starting instructions.

You can also use the NEWUSER script described below. However, this toll-free fax number can be used by anyone with access to a fax machine.

SERVICES AVAILABLE

We frequently get requests from customers asking what services have previously been discussed in PEN Newsletters.

This is a short listing of some of the products and services that available:

AutoForward	Routing incoming e-mail to fax
domainTNG	Receive Internet e-mail using vanity domains
Dow Jones	A great source of financial information
EDI	Electronic Data Interchange services
Fax Broadcast	Low cost, high volume faxing from a fax
Fax Dispatch	Faxing from within e-mail applications
Fax Reply	Fax on Demand service
internetMCI	Dialup and dedicated access to the Internet
LAN Gateways	Software linking LAN/Mainframe e-mail to MCI Mail
MCI Connect	Router to Router link for cc:Mail to MCI Mail
MCI Mail	E-mail from the desktop or laptop, or LAN
Never Busy Fax	Receive faxes without busy signals
T1/T3	High speed data lines for Internet & WANs
Telex	Real time telex

For information on any of these products or services, please

e-mail:
MCI Mail:

218-0241
Internet:
218-0241@mcimail.com or Connect-Sales@mcimail.com
X.400:
C=US;A=MCI;D=ID=Connect-Sales

Fax:
800-I-WANT-MCI (800-492-6862)

Telephone:
800-390-9379

>>>>>>>>>>>>>>>>>>>>
NEED ANOTHER MAILBOX?
>>>>>>>>>>>>>>>>>>>>

The NEWUSER script has been used by hundreds of people to set their friends, associates and clients up on MCI Mail, add new mailboxes to existing accounts, or to request information on behalf of a colleague.

If you have a friend across town, or in another country who wants to benefit from electronic mail or if you know of someone who tediously sends faxes out from a fax machine and is looking for a better way, or someone who sends letters and memos by overnight courier and would like to save some money, you can help them by introducing them to MCI Mail.

To use this feature, log into MCI Mail interactively (MCI Mail Express users press {CTRL}J after starting the program). At the Command; prompt, type:

CREATE USING NEWUSER {ENTER}

Answer all questions, and follow the instructions at the end of the SCRIPT. You will be notified when the new mailbox/account is active.

Note. . . If you access MCI Mail via MCI Mail Express, or a LAN gateway, you may send the name, address and phone and fax number of the referral to mailbox 218-0241, or you may fax this information to 212-787-2416. We will contact them immediately and arrange for the account or mailbox.

Additionally, the *FAX* number 1-800-I-WANT-MCI is available for anyone looking to request information or establish an account for themselves.

>>>>>>>>>>>>>>>>>>>>>>>>
'TIMES THEY ARE A CHANGING
>>>>>>>>>>>>>>>>>>>>>>>>

QuickLook: Overview of changing time zone from Daylight Savings to Standard Time.

Watch out.... Unless you changed your time settings on MCI Mail from Daylight to Standard when you reset your clocks, the

message you send at 5:00 PM saying that you are going home for the day will be time stamped 4:00 PM - your boss will love that!

No, there is nothing wrong with the clocks at MCI... rather, you need to adjust your time zone from Daylight to Standard time

If you use MCI Mail interactively, follow this dialogue:

Displayed by MCI	You Enter
Command;	ACCOUNT
Do you wish to see your current ACCOUNT settings?	NO
ACCOUNT setting you wish to change:	TIME
Please enter your time zone:	EST
^-(or your time zone)	
ACCOUNT setting you wish to change:	{Enter}
Are settings PERManent or TEMPorary:	PERM
New ACCOUNT settings are now in effect.	

Command;

If you are a MCI Mail Express user, don't forget to change your time zone there too.

Bring up the Communications Manager {ALT}{SHIFT}X, roll the cursor to the bottom of the screen and change it to EST (or your local time zone) by using the <- or -> keys.

It may also help to adjust the time in your computer. See your computer manuals for more information.

>>>>>>>>>>>>>>>>>>
LATE BREAKING NEWS
>>>>>>>>>>>>>>>>>>

QuickLook: MCI's Internet backbone capacity quadrupled.

MCI, the largest of the Internet Backbone Carriers has just completed a $60 million upgrade that quadruples its Internet backbone speed from 155 to 622 megabits per second and adds about 13,000 ports.

Additionally, MCI plans are now in the works to double its overall backbone capacity in 1997.

What does this mean to you?

A lot, if you are thinking of linking your LAN to the Internet.

When you subscribe to a local ISP (Geekspeak:Internet Service Provider), you are actually connecting to an ISP that is connected either to the Internet itself, or to another ISP that is then connected to the Internet itself. This arrangement often has you competing with the other ISP customers to get through the ISPs link to the next higher level.

By way of example, a factory may be on a road that merges with several other roads before it gets to the two lane highway, an arrangement that works well as long as traffic is light, but once rush hour starts, the trucks will crawl along at a painfully slow speed. To improve throughput however, the factory is best off arranging for its own driveway to connect directly to the highway.

Similarly, linking directly to the Internet backbone via MCI's internetMCI dialup service (for standalone users) or using a T1 or T3 directly to MCI's Internet Backbone offers you the highest possible throughput with the least worry for bottlenecks.

Why? Because MCI effectively "owns" about 45% of the Internet. Indeed, about 60% of the packets entering the MCI network terminate on MCI, thereby avoiding the need for the packets to hop to another part of the backbone. This helps to improve both throughput and security.

For additional information on getting a dialup access or T1/T3 access to the Internet, please send a message to ConnectSales@mcimail.com.

>>>>>>>>>>>>>>>>>>>>>>
MCI MAIL ACCESS UPDATES
>>>>>>>>>>>>>>>>>>>>>>

QuickLook: New and improved, lower cost access to MCI Mail and MCI X.400

CONCERT PACKET SWITCHING SERVICE FOR MCI MAIL

QuickLook:Cost for International Access to MCI Mail Reduced

Historically, accessing MCI Mail from overseas locations was accomplished in one of four ways:

1. Dialing long distance to the USA
2. Working through the local PTT
3. MCI's Global Access Service
4. Tymnet Services

MCI Mail now offers a new, lower cost method for connecting from overseas locations, called Concert Packet Switching Service.

This service is only $.35 per minute - a full 30% less expensive than MCI's popular Global Access Service, and is available in more countries. Additionally, access from Canada is only $.06/minute.

Most locations support speeds from 1200 baud to 9600 baud/MNP5, providing an effective throughput of 14,400Kbps.

The Concert Packet Switching Service is available in the following countries:

American Somoa, Australia, Australia, Austria,
Belgium, Canada, Colombia, Czech Republic, Denmark,
Finland, France, Germany, Gibraltar, Guam, Hong Kong,
Hungary, India, Indonesia, Ireland, Italy, Japan,
Korea, Lebanon, Luxembourg, Malaysia, Mexico,
Netherlands, New Zealand, Norway, Oman, Philippines,
Poland, Portugal, Saipan, Singapore, Slovak Republic,
South Africa, Spain, Sweden, Switzerland, Taiwan,
Thailand, United Kingdom, Venezuela

Detailed information about Concert Packet Switching Service is available on a country by country basis via e-mail.

To get this detailed information, please send a message to MCI Id:394-0918, and enter ACCESS-{country name} in the subject field. (note: If the country name consists of more than one word, insert a hyphen where there would normally be a space, for example: ACCESS-IVORY-COAST.)

Example:

To: 394-0918
Subject: Access-France

You will receive a reply within about an hour.

Most popular communications programs, such as MailRoom already support Concert Packet Switching Service access, so simply changing the telephone number from the current Global Access number you are using to the proper Concert number will reduce your communications costs from $.50/minute to $.35/minute (or $.06/minute from Canada).

MCI MAIL TELEPHONE NUMBER UPDATE

QuickLook:MCI Mail consolidates toll free access numbers

Editors Note: This article only concerns domestic MCI Mail users. If you access MCI Mail from overseas, or if you are using MCI Connect for cc:Mail, this does not apply to you.

MCI Mail has traditionally been accessible from a number of different 800 telephone numbers in the US, based on the speed of your modem, and the type of communications software that you used.

In an effort to upgrade and improve the MCI Mail network and provide you with increased capacity, greater availability, and improved processing, MCI has consolidated all domestic access to MCI Mail into a single toll free number:
800-456-6245.

The vast majority of MCI Mail users already access MCI Mail from this number.

However, if you are using an older communications program such as Lotus Express or Microphone, you may have been using either 800-825-1515 or 800-234-6225, as both these numbers support the older X.PC error correcting protocol.

These two numbers are being phased out, effective November 18, 1996.

If you elect to remain with Lotus Express or Microphone, you will need to change the PROTOCOL option from ERROR-CORRECTING to NONE.

If you are using an older modem that does not include MNP/4 or MNP/5 (Geekspeak: MNP is the Microcom Networking Protocol built into most modems - MNP level 4 provides for error correction while MNP level 5 provides for error correction AND data compression), you may experience communications problems if there is noise on the line.

By switching to a modem that includes MNP/4 or MNP/5 (most 2400 baud modems, and all 9600 baud and above modems include MNP/5), your modem and MCI's modem will assure that the communications link will be clear and clean.

While you are checking your MCI Mail access number, please assess your current software package. If you are using these numbers, you should seriously consider upgrading your software to either MCI Mail Express (for DOS users), or MailRoom for Windows or Macintosh users.

If you are using a non-MNP compliant modem and experience noise on the line, try stepping your communications speed down to 2400 baud or even 1200 baud - those painfully slow speeds are more tolerant of noisy conditions than 9600 or 14,400 baud links.

CELLULAR ACCESS TO MCI MAIL

QuickLook: Celluar modem access to MCI Mail officially available.

Although people have experimented with cellular access to MCI Mail for years (including the Editor, who, in 1987, once connected to MCI Mail from a boat in Block Island using a fairly large contraption to link the PC to an equally large cellular phone at a blinding 300 baud), it has never been officially supported by MCI - until now.

As of Sept. 1, 1996, local access WAS available in 36 major cellular markets, serving more than 200 cities nationwide.

There is no charge to access MCI Mail via the Wireless numbers in the U.S. when using the local access numbers. If you access via MCI's Wireless 800 number, you will be charged $.10 per minute on your MCI Mail Invoice.

To use Wireless Access to MCI Mail, you must have a cellular compatible modem which supports MNP10 or ETC. You must also have a cellular phone that is capable of supporting data transfer. If you are not sure that your equipment meets these requirements, please contact the manufacturer.

LIST OF ACCESS CELLULAR NUMBERS

National toll free number: 800-950-1821 ($.10 per minute)

Metro Mkt	Local Access #	Major Cities included in calling area:
Phoenix, AZ	602-252-3178	Chandler, Gila Bend
Los Angeles, CA	213-588-4118	Anaheim, Long Beach
Sacramento, CA	916-447-0403	Grass Valley, Modesto
San Diego, CA	619-220-0135	Escondido, Oceanside
San Jose, CA	408-434-0190	San Francisco, Oakland
Denver, CO	303-830-0135	Boulder, Colorado Springs
Hartford, CT	203-242-0231	Waterbury, Bridgeport
Miami, FL	305-591-3008	Ft. Lauderdale, Key West
Tampa, FL	813-932-8914	Bradenton, Brooksville
Atlanta, GA	404-454-6234	Athens, Marietta, Rome
Chicago, IL	312-913-9314	Arlington Heights, Aurora
Indianapolis, IN	317-684-1035	Bloomington, Kokomo
Kansas City, KS	913-362-4189	Lawrence, Olathe & Topeka
Boston, MA	617-443-8660	Hyannis, Lawrence, Lowell
Detroit, MI	313-962-2060	Ann Arbor, Flint, Pt Huron
Minneapolis, MN	612-305-0717	St. Paul, Stillwater
St. Louis, MO	314-291-5275	Fulton, E. St. Louis
Charlotte, NC	704-329-0053	Albemarle, Concord
Greensboro, NC	910-333-2223	Asheboro, Highpoint
Raleigh/Durham, NC	919-828-9223	Chapel Hill & Hillsborough
New York, NY	212-361-0100	Long Island, Newark
Rochester, NY	716-264-0190	Albion
Cleveland, OH	216-861-6099	Akron, Ashtabula, Canton
Cincinnati, OH	513-530-9173	Columbus, Dayton
Portland, OR	503-243-1175	Salem, McMinnville
Philadelphia, PA	215-925-9420	Camden
Pittsburg, PA	412-642-0613	Beaver Falls, Grensburg
Greenville, SC	803-232-1763	Anderson, Seneca
Dallas, TX	214-754-9300	Fort Worth, Arlington
Houston, TX	713-497-3816	Baytown
San Antonio, TX	210-224-1966	New Braunfels & Seguin
Fairfax, VA	703-591-2590	Washington DC, Baltimore
Norfolk, VA	804-857-4181	Deltaville, Newport News
Richmond, VA	804-560-7636	Charles City, Colonial
Seattle, WA	206-283-5441	Bellingham, Bremerton
Milwaukee, WI	414-821-0891	Kenosha, Racine

LOGIN PROCEDURES

1. Set your communications parameters to 7 data bits, even parity, 1 stop bit. Refer to the documentation supplied with your communications software or equipment for instructions on how to do this.

2. Dial appropriate access number, wait for connect.

3. You will see "Please enter your terminal identifier". Press "a", but do not press {ENTER}.

4. You will see "please log in:". Type "mcimail" and press {ENTER}.

5. At the "Please enter your user name:" prompt, type your MCI Mail username and press {ENTER}, then type your password and press {ENTER}. When you see "Connection initiated... .Opened." or "COM" you are now logged onto MCI Mail.

6. Reset your communications parameters to 8 data bits, no parity ("none"), 1 stop bit. Refer to the documentation supplied with your communications software or equipment for instructions on how to do this.

If you use MCI Mail Express 2.1 or MCI Mail Express LITE, press {CTRL}X and {ENTER}, and then insert the following connection string:

@d~~a{in:}mcimail|

PROBLEMS CONNECTING?

---

1. Check your modem to phone connection.

You can do so disconnecting the data cable from the PC Card, then entering any terminal package such as Windows terminal, Procomm Plus etc.. Remain in terminal. Do not load a dialing directory. After the package is loaded, plug the cable into the modem or PC Card. You will get a message that states the type of cable that is connected. If you connection is not good you will get a message stating that the cable is unrecognized.)

Examples:

Good Connection
Nokia cable is attached
Motorola cable is attached

Bad Connection
Unrecognized cable attached

2. Check your battery strength.

Make certain it is greater than 50 percent charged. If

you do not have an indicator, recharge the battery if there is any doubt.

3. Check signal strength indicator.

It should be at least 75%. If you do not have one, attempt to relocate prior to reporting the problem.

*NOTE: if you are having voice problems or static on voice calls you probably are in a weak cell. Please relocate.

X.400 ACCESS VIA FRAME RELAY

QuickLook: Frame Relay replaces X.25 links for X.400 networks

Editors Note: X.400 is a standard for connecting different e-mail systems (both commercial such as MCI Mail, AT&T;, Compuserve, and 77 others world wide and private, such as a companies internal e-mail system) together. It is well suited for midsized to large companies for whom e-mail reliability, security and traceability are important. Although it is not frequently used to link PC based LANS to external e-mail, Microsoft Exchange includes X.400, making it an ideal protocol for linking to MCI Mail.

MCI has extended the accessibility of the XChange 400 message switching service (MCI Mails X.400 service) by offering TCP/IP access over the MCI Hyperstream Frame Relay Network as a standard access transport option, in addition to MCI's current X.25 support.

This new access offers you with 20 times the connectivity speed at 1/10 of the cost of X.25 transport pricing.

If you are already using MCI's HyperStream Frame Relay, you can connect directly to MCI's XChange 400 service without special equipment or separate access. You need only order additional PVCs to access the XChange 400 message switching service.

If you are new to the Frame Relay technology and MCI's HyperStream Frame Relay service, may want to select MCI's Management Services for the router facility management. MCI can provide router purchase/lease, installation, maintenance, replacement and monitoring. As part of a Management Services package, MCI proactively monitors the network and routers and provides guaranteed 4 - 8 hour response time for a monthly charge.

Since MCI supports X.435 (Geekspeek: X.400 EDI, or Electronic Data Interchange - computers talking directly to computers to exchange messages and files using X.400 links), the new Frame Relay access to XChange 400 may offer you a lower cost alternative for EDI that you might have thought possible.

For additional information about X.400 or EDI, please send a toll free message to MCI ID:218-0241.

>>>>>>>>>>>>>>>>>
MCI NEVER BUSY FAX
>>>>>>>>>>>>>>>>>

QuickLook:A new fax service that assures that you'll never miss incoming faxes again.

Busy Fax is a powerful inbound fax collection service that prevents someone sending you a fax from ever encountering a busy signal.

Faxes may be delivered to fax machines, to LANs or Mainframes.

As an MCI Never Busy Fax subscriber, you get your own toll-free 800 number that becomes your new fax number, while MCI becomes the collection agent for the faxes sent to this toll-free number. The 800 number can be an existing number that you transfer over to the MCI service, or a new number picked for this new application.

The MCI Never Busy Fax Service is ideal for you if you manage a high volume of incoming faxes.

MCI Never Busy Fax provides a robust set of options and features for managing inbound fax messages, including:

Never-busy Access

Simple fax tone or voice-prompted user interface

Store and forward message handling

Message format conversion

Capture and on-pass of routing codes for internal end-user delivery

Custom terminal ID - answerback to senders fax machine LED display

Message distribution to fax machines, LAN based e-mail systems such as Lotus cc:Mail and others, and Host environments or via high speed pathways such as Frame Relay, TCP/IP, SNA LU6.2, or switched public access - Async/Bisync, Zmodem.

End-of-Day Reports are delivered once a day, providing full detail of inbound fax message traffic for the day.

The MCI Never Busy Fax service has two principal billing components -- the 800 access number charges and the inbound service switch charges. The 800 access charges are billed on the standard 800 invoice at standard rates, while the charges for the MCI Never Busy Fax service ($.45/minute with a $50/month

minimum) are based on the time it takes to submit a fax message to the inbound system. Note that if you select an data path that requires a dedicated line, e.g., Frame Relay, this circuit will be billed separately.

Is the MCI Never Busy Fax right for you?

The MCI Never Busy Fax service provides an essential business solution for many applications, such as:

Timecards	Loan applications
Shipping notices	Purchase orders
Prescription forms	Personnel requests, applications
Intracompany communications	Proposals, bids

For more information about the MCI Never Busy Fax service, please send an e-mail to MCI ID:218-0241, and include your telephone number and your fax number.

>>>>>>>>>>>>>>>>>>>>>>>>
MAILROOM/MAILPLUS & MIME
>>>>>>>>>>>>>>>>>>>>>>>>

QuickLook: Two communications programs for MCI Mail that support MIME.

MCI Mail has long supported the UUENCODE standard of the Internet for binary file transfer.

However, as more and more users using the Internet are not using the UNIX platform that UUENCODE originated from, but instead are using the newcomer, MIME, some MCI Mail subscribers have had some difficulty receiving binary files via the Internet.

Windows based interactive users can choose between two communications programs (MailRoom and Mail Plus) to handle the attachments properly.

If you are using other software and would like to start accepting MIME files, please e-mail MCI ID:234-9875 to order either of these packages.

>>>>>>>>>>>>>>>>>>>>>>>>>>
internetMCI - NEW SOFTWARE
>>>>>>>>>>>>>>>>>>>>>>>>>>

QuickLook: MCI now distributing Microsoft Explorer for internetMCI users

internetMCI is MCI's Windows based, full featured access ramp to the Internet.

internetMCI requires a 386, 486 or Pentium PC with Windows 3.1 or later, a Hayes compatible modem (at least 9600 baud), 10 megabytes free space on your disk and at least 4 MB of RAM

MCI has now started shipping Microsoft Explorer to all new internetMCI subscribers. MS Explorer 2.1 is sent to Windows 3.1 users, while MS Explorer 3.0 is sent to Windows 95 users.

If you have been using the Netscape software originally provided by MCI, you can continue to use it if you like, or you can switch to the Explorer program - keep an eye out for a postcard with your monthly invoice that will explain how to get the upgrade.

MCI recently reduced the price for unlimited Internet access - to $19.95 per month. This access includes World Wide Web, Telnet, FTP, etc.

To subscribe to internetMCI, please sent a request to MCI ID:234-9875, including your name, address, telephone number, operating system (Windows 3.1 or Windows 95) and your credit card number and expiration date.

You will receive your startup kit in about 10-14 days.

>>>>>>>>>
domainTNG
>>>>>>>>>

QuickLook: dataTNG, LLC now offers a new service that enables you to receive e-mail sent to an address using a vanity domain name (username@customername.com)

domainTNG is a service that allows MCI Mail, MCI Connect and internetMCI customers to receive inbound Internet e-mail at an address such as username@companyname.com. For example, you would be able to receive e-mail at john@acme.com instead of 1234567@mcimail.com or John_Smith%Acme@mcimail.com.

Although domainTNG is intended for businesses and organizations that use MCI Messaging services, it can also function with other commercial E-Mail services such as AT&T; Mail, or Compuserve, as well as Internet Service Providers such as America Online or Prodigy. This lets multiple users within the same organization use individual addresses coupled with the organization's "vanity" domain, regardless of the e-mail service they use. Two employees of the Acme company, for example, might be addressed as jsmith@acme.com and wjones@acme.com, even if Smith uses MCI Mail and Jones uses Compuserve.
Example:Send a message to Gary@dataTNG.com
It will be delivered to MCI ID:218-0241.

HomePage
----

dataTNG customers also receive a free e-mail based home page. Optional services include e-mail access to company or departmental directories, and the choice of a web accessible browsable style or forms driven e-mail directory.

E-Mail sent to the HomePage mailbox is automatically answered

with a customer supplied message, usually describing the company, its products/services, or further information about contacting the company - not unlike a typical Internet home page, while a copy of the e-mail is also forwarded to the company itself for possible follow-up or tracking.
Example: Send a message to HomePage@dataTNG.com

If desired, domainTNG customers may also have a mailbox called Directory. Mail sent to this mailbox is either responded to with the directory of the e-mail users, or further information on retrieving departmental directories. Optionally, domainTNG customers may also elect to have the e-mail directory accessible directly from the Web through a browser.

Additionally, domainTNG also supports the use of departmental mailboxes, allowing mail addressed to sales@abc.com to route to john@abc.com.
Example:Send a message directory@dataTNG.com.

DIVERSE DELIVERY
---

domainTNG is designed to help unify addressing within organizations that use different commercial and Internet e-mail services. For example, an organization using MCI Mail for X.400 e-mail, Compuserve for overseas offices and an Internet Service Provider (ISP) for Internet e-mail can now have all of the e-mail received under a single Internet domain name.

Additionally, domainTNG supports delivery of e-mail to many alphanumeric paging services, as well as delivery to fax machines.

domainTNG pricing is designed to allow you to budget your expenses ahead of time without making any long term commitments.

The fee structure is as follows:

One Time Charges	
Account Registration Fee (includes Internic registration)	$200
Monthly Charges	
Service charge	$50
User charge for MCI Mail users, ONRs, MCI Connect users, internetMCI users	$1.50 each
User charge for non-MCI users (AOL, Compuserve, etc.)	$2.00 each
User charge for MCI REMS users (i.e.-LAN based users w/o ONRs)	$3.00 each
Service charge for HomePage@customername.com	*FREE*
Optional Charges (Monthly)	
Service charge for browsable directory	$15
Service charge for e-mailable directory	$15
Service charge for forms driven directory	$35

Service charge for AutoResponding mailboxes	$15 each
Service charge for an e-mail to fax mailbox	$25

(for 50 fax pages domestic)
(Note: above 50 pages, $1 per page.)

Q&A;

Q. Are vanity domain forwarding services already available from other companies?
A. A few companies have announced support for forwarding e-mail, but none include such features as an e-mail driven home page, support for directories, support for mixed messaging services, etc. More importantly, the principals of dataTNG have over 10 years experience each in selling and servicing MCI Mail customers, from small businesses to Fortune 50 sized accounts. They understand the needs of both the business and more importantly, the end user.

Q. What if we already have a web site using our domain name?
A. A separate domain name or subdomain name needs to be registered for domainTNG. If your domain name is ABC.COM, you might want to set up ABC-MAIL.COM for the e-mail. You would also have the option of moving the existing web site to the dataTNG virtual server, thereby keeping both the web site and the e-mail under the same name.

Q. Does it take any longer for mail to be delivered to a domainTNG user?
A. Most likely, only a few seconds longer - a delay not likely to be noticed by the recipient. The domainTNG server uses a T3 to the Internet, so its throughput is substantial. However, the Internet being the Internet, the one thing that can be promised about the Internet is that you can make no promises about the Internet. Mail sometimes travels fast, sometimes travels slowly, and occasionally, is completely lost. This is not a domainTNG or an MCI issue... its a fact of life on the Internet. Anyone needing high speed receipted delivery of e-mail should be using MCI Mail or X.400 instead of the Internet.

Q. Is the e-mail going to be secure?
A. No mail on the Internet is secure. You may take several steps, including encryption and the upcoming USPS Post Mark service, to reduce the risk to the mail, but the risk is not eliminated. Using domainTNG neither increases or decreases the risk. Only MCI Mail or X.400 mail can effectively eliminate security risks.

Q. Does domainTNG support MIME?
A. Yes. However, at this time, MCI Mail does not yet support MIME. MIME files received by MCI Mail users are useable only if the user agent can convert MIME (MailRoom or MailPlus for example).

Q. Does domainTNG support priority e-mail or receipts?
A. No. The Internet does not support either of these services.

If they are important, you should be using MCI Mail or X.400 instead of the Internet.

Q. Do I register my domain name?
A. dataTNG handles domain name registration for you. You need to provide several desired domain names, ranking order of preference, and dataTNG will register the most preferred, available name. This can take one to two weeks (sometimes longer). The limiting factor is the Internic - not dataTNG.

Q. What is the HomePage mailbox?
A. The entr to the typical Web site is the home page. It is the starting point for dealing with the site, and usually includes basic information about the company, its products and services, as well as additional information on contacting the company for further information. The HomePage mailbox serves the same function except that the information is delivered via e-mail instead of within a browser. You supply the text for the HomePage mailbox - typically 1 to 2 pages long, and ASCII text only.

Q. What directory options does domainTNG support?
A. You actually have a choice of 3 different types of directory distributions, or may choose to have no directory distribution at all, the latter being the default. The directory options are:
1. E-Mail Based Directory Services Option
Directory returned as an e-mail message
following a request sent to:
directory@customername.com
2. Web Based Browsable Directory Services Option
Directory accessible on the web via a
browser, sorted by username and function
3. Web Based Forms driven Directory Services Option
Directory accessible on the web, but only
queried name is displayed
4. No Directory Services Option.
Default.... no directory services available.

Q. Why would I want the "No Directory Services option?
A. There is the very real risk that someone might grab the directory and spam (broadcast unsolicited e-mail) you if the e-mail or web based browsable directory options are chosen. This is no different than telemarketers scanning the white pages to make calls. You need to decide which Directory Services Option is best for you.

Q. How much is domainTNG?
A. The account registration fee ($200), the first months $50 service charge and the first months fees for the users ($1.50 {ONRs, interactive mailboxes, MCI Connect users, internetMCI users}, $2.00 {AOL, Compuserve, Prodigy and other non-MCI Internet addresses} or $3.00 {MCI REMS or X.400 users without ONRs}) each is payable in advance. Thereafter, purchase order accounts are billed on a monthly net 30 basis while non purchase order accounts must be paid in advance at the start of each month. Invoices are sent out (by e-mail or fax) to you 10 business days prior to the start of each month. There are no prorated months. If you elect to terminate domainTNG service,

you are responsible for all charges through the end of the month in which termination is requested.

Q. My company has the LAN linked to MCI Connect for cc:Mail, the mainframe linked to MCI XChange 400, the European offices on the France Telecom network, and the home users on a mix of MCI Mail, AOL and Compuserve. Does domainTNG help us?
A. Yes. All of the users can share the same domain name, regardless of which network or platform they are on. This will help to eliminate customer confusion and provide a unified addressing format for the entire company.

Q. OK... How do I sign up?
A. Visit the web site at www.domainTNG.com or send a note to Sales@dataTNG.com and include the below information:
Your name
telephone number
e-mail address
special instructions
billing contract/address
technical contact/e-mail address
desired domain name
(supply several in case first one is not available)
MCI Mail customer number
special instructions.

Q. What happens next?
A. dataTNG will contact the technical contact via e-mail to get additional information.

>>>>>>>>>>>>>>>>>>>>>>>>>>>>
POWERUSER 1-NEWSGROUPS/LISTS
>>>>>>>>>>>>>>>>>>>>>>>>>>>>

QuickLook: Accessing Internet Newsgroups/Lists

One of the most exciting aspects of the Internet is the opportunity to partake in discussions on almost every topics imaginable (and in a few cases, also unimaginable) through discussion groups called newsgroups.

Topics include technology issues, personal finance, politics, family issues, lifestyle, hobbies, etc. Currently, there are estimated to be over 20,000 such newsgroups.

MCI Mail affords you the perfect opportunity to participate in newsgroups... all you need to do is to ask to subscribe to the newsgroup of your interest, and then you'll start receiving the discussion text - usually within a day or so.

Some of the newsgroups are basically a free form discussion on a given topic, while others are given a more formal structure, with the person responsible for the list, actually creating a journal or digest of the letters and comments.

A great example of the latter is the Personal Finance

Newsletter, available by sending an e-mail message to:

majordomo@shore.net

and putting:

subscribe persfin-digest

in the text field.

You can remove yourself from the list by sending a message
to the listserver for that list (NOT THE LIST itself, unless
you want to be flamed alive) and make the text of the
message:

UNSUBSCRIBE {list name}

For example, if you are on the FlatWorldSociety list and
have decided its really round, then send a message to:
Listserv@xxxxx.yyy.edu
^-{using the correct address of course)

The text would read:
UNSUBSCRIBE FlatWorldSociety

>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>
POWERUSER 2-WEB SURFING VIA MCI MAIL
>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>

QuickLook: WWW via E-Mail

For many people, surfing the web (Geekspeak: wandering from site
to site on the Internets World Wide Web) is not an option
available from the office desktop where Internet access is
limited to e-mail.

However, there is a little known option for surfing the web
directly from your e-mail screen, and it is very simple. Of
course you wont get the graphics, but you will get the
information you need.

Simply send an e-mail to the internet address:

agora@info.lanic.utexas.edu

In the text field of your message, enter:

SEND

(Geekspeak: url - Universal Resource Locator - something akin to
a computer path and file name, that tells the Internet what you
are looking for, and where it can be found).

For example, to see todays CNN news, enter:

SEND http://www.cnn.com/alt_index.html

The CNN news page will be retured to you, with a series of

headlines, which may look something like:

High Winds Delay Shuttle Launch[44]

At the bottom of the news page will be a number of listing under the title "*** References from this document ***", one of which will have the same number in brackets as the number following the headline. For example:

[44]http://cnn.com/TECH/9611/13/shuttle.launch.ap/index.html

To retrieve the full story, simply send another message to the agora mailbox, and in the text field, put:

SEND http://cnn.com/TECH/9611/13/shuttle.launch.ap/index.html

You may find characters such as "&" followed by numbers or letter imbedded in the text... these are formatting characters for web browsers and can be ignored.

>>>>>>>>>>>>>>
TILL NEXT TIME
>>>>>>>>>>>>>>

Gary.......
MCI Mail Agency NY4
MCI ID# 218-0241
Internet: 218-0241@MCIMAIL.COM
X.400: C=US;A=MCI;D=ID=218-0241
Fax: 212-787-2416
Tel No. 212-724-9785
Customer Support:301-371-7460
New Account Fax Number: 800-I-WANT-MCI

ps... MCI and the names identifying MCI's products and services are proprietary marks of MCI Communications Corporation. cc:Mail is a proprietary mark for the Lotus Development Corporation. MailRoom is a proprietary mark of Symantic Computer Corp. MailPlus is a propriety mark of Computer Mail Services. domainTNG is a propriety mark of dataTNG, LLC. Microsoft is a registered trademark, and the Microsoft Explorer Logo is a mark of Microsoft.

Oppenheimer Software has been an authorized sales agency for MCI since 1984.